

ABSTRACT OF THE DISCLOSURE

A single increment initiator charge for use in an inflatable restraint system and a method of preparing the single increment initiator charge are provided. The single increment initiator charge includes a homogeneous blend of zirconium, an oxidizer such as potassium perchlorate, and a combustion enhancer such as titanium hydride in an amount effective to result in the single increment initiator charge being effective to ignite an associated pyrotechnic charge. The single increment initiator charge may be formed by preparing a homogeneous blend such as by dry-blending the constituents or by mixing the constituents with a solvent such as an alcohol to form a slurry, loading the homogeneous blend into a charge holder and compressing the homogeneous blend.